

JUL 23 2007

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Attention:	MAIL STOP AF Group Art Unit: 2617 Examiner: TORRES, Marcos L.	Fax:	(571) 273-8300
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Pages:	Cover + 1 + 4 = 6	Date:	July 23, 2007
From:	Georgann S. Grunebach	Fax:	(310) 964-0941
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Georgann S. Grunebach

Georgann S. Grunebach, Reg. No. 33,179
(Printed Name of Person Signing Certificate)

July 23, 2007
(Date of Signature)

Attention: Commissioner for Patents**Attorney Docket No. PD-200101**

Please find attached Re:

Serial No.: 09/661,725

Filing Date: September 14, 2000

- TRANSMITTAL FORM PTO/SB/21
- RESPONSE TO OFFICE ACTION DATED MAY 22, 2007 (4 pages)

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The DIRECTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo CA 90245

JUL 23 2007

PTO/SB/21 (04-07)

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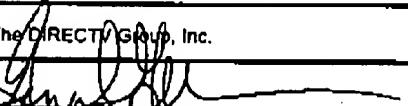
Total Number of Pages in This Submission 5

Application Number	08/661,725
Filing Date	September 14, 2000
First Named Inventor	Donald C.D. Cheng
Art Unit	2817
Examiner Name	TORRES, Marcos L.
Attorney Docket Number	PD-200101

ENCLOSURES (Check all that apply)

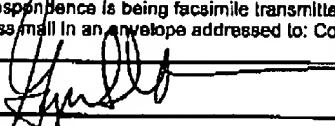
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	The DIRECTV Group, Inc.		
Signature			
Printed name	Georgann S. Grunebach		
Date	July 23, 2007	Reg. No.	33,179

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Signature			
Typed or printed name	Georgann S. Grunebach	Date	July 23, 2007

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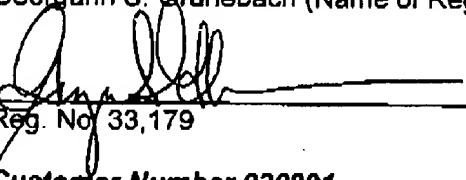
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Georgann S. Grunebach (Name of Registered Representative)



Reg. No. 33,179

(Signature) July 23, 2007 (Date of Signature)

Customer Number 020991

Patent
PD-200101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Donald C. D. Chang

Serial No. 09/661,725

Group Art Unit: 2617

Filed: 09/14/2000

Examiner: Torres, Marcos L.

For: STRATOSPHERIC-BASED COMMUNICATIONS SYSTEM FOR MOBILE
USERS USING ADDITIONAL PHASED ARRAY ELEMENT FOR
INTERFERENCE REJECTION

AMENDMENT AFTER FINAL

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
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Sir:

In response to the Final Office Action dated May 22, 2007, please enter the following
amendments and remarks.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 4 of this paper.